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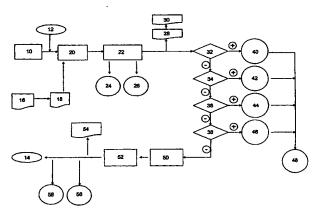
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- (81) Bestimmungsstaaten (soweit nicht anders angegeben, für jede verfügbare nationale Schutzrechtsart): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Fortsetzung auf der nächsten Seite]

- (54) Title: METHOD AND SYSTEM FOR AUTOMATICALLY PROCESSING AND EVALUATING MEDICAL DATA
- (54) Bezeichnung: VERFAHREN UND ANORDNUNG ZUR AUTOMATISCHEN AUFBEREITUNG UND AUSWERTUNG MEDIZINISCHER DATEN



- (57) Abstract: The invention relates to a method and system by means of which data originating from a multitude of different data sources can be processed and evaluated according to uniform criteria in order to provide doctors, nursing personnel and other personnel working in medical professions and medical assistance professions with a decision-making aid during diagnoses or therapeutic measures and when making similar decisions. To this end, the invention provides a method for automatically processing and evaluating medical data for the purpose of determining and outputting diagnostically relevant and/or medical care-relevant information from a multitude of available data sources during which all data sources are compiled in a common database. Each data source is rated on the basis of pre-definable criteria, and the result of the evaluation (rating) is stored while assigning it to the data source. The data contained in the database is referenced in such a manner that elements of the database that are associated with one another on the basis of contents are linked and can be automatically displayed as belonging together, and a structured combination (aggregate) is automatically generated in the form of a virtual data sheet from the data sources according to predeterminable boundary conditions.
- (57) Zusammenfassung: Es sollen ein Verfahren und eine Anordnung angegeben werden, mittels welcher aus einer Vielzahl unterschiedlicher Datenquellen stammende Daten nach einheitlichen Kriterien aufbereitet und ausgewertet werden können, um Ärzten, Pflegepersonal und anderen Angehörigen der Heil- und Heilhilfsberufe eine Entscheidungshilfe bei Diagnosen oder Therapiemaßnahmen und ähnlichen Entscheidungen zur Verfügung zu stellen. Dazu wird ein Verfahren

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(84) Bestimmungsstaaten (soweit nicht anders angegeben, für jede verfügbare regionale Schutzrechtsart): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), eurasisches (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), europäisches (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Erklärung gemäß Regel 4.17:

 hinsichtlich der Identität des Erfinders (Regel 4.17 Ziffer i) für alle Bestimmungsstaaten

Veröffentlicht:

- mit internationalem Recherchenbericht
- vor Ablauf der für Änderungen der Ansprüche geltenden Frist; Veröffentlichung wird wiederholt, falls Änderungen eintreffen
- (88) Veröffentlichungsdatum des internationalen Recherchenberichts: 7. Juli 2005

Zur Erklärung der Zweibuchstaben-Codes und der anderen Abkürzungen wird auf die Erklärungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regulären Ausgabe der PCT-Gazette verwiesen.

zur automatischen Aufbereitung und Auswertung medizinischer Daten zwecks Ermittlung und Ausgabe diagnostisch und/oder medizinisch pflegerisch relevanter Informationen aus einer Vielzahl vorhandener Datenquellen vorgeschlagen, bei welchem alle Datenquellen in einer gemeinsamen Datenbasis erfaßt werden, jede Datenquelle unter vordefinierbaren Kriterien bewertet wird und das Ergebnis der Bewertung (Rating) unter Zuordnung zur Datenquelle gespeichert wird, wobei die in der Datenbasis enthaltenen Daten derart referenziert werden, daß inhaltlich miteinander verbundene Elemente der Datenbasis verlinkt und automatisch als zusammengehörig anzeigbar sind und wobei aus den Datenquellen nach vorgebbaren Randbedingungen automatisch eine strukturierte Zusammenfassung (Aggregat) in Form eines virtuellen Datenblattes erstellt wird.

INTERNATIONAL SEARCH REPORT

Interior hal Application No
PCT/DE2004/000756

According to International Patent Classification (PC) or to both national classification and IPC 8. FIELDS SEARCHED Michieum's documentation asserted (classification system followed by classification eyembole) IPC 7 606F Decementation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO—Internal, PAJ, WPI Data, INSPEC, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Chatton of document, with indication, where appropriate, of the relevant passages Palekvart to claim No. Y US 2002/138524 A1 (INGLE DAVID BLAKEMAN ET AL) 26 September 2002 (2002–09–26) abstract paragraphs '0023!, '0043! - '0046!, '0087!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0079!, '0082!, '0077!, '0088!, '0092!, '0101!, '01012! Y US 2002/082870 A1 (PENNY MARK ET AL) I=10 I=	A. CLASSIF IPC 7	GO6F19/00 —-		
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